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Complete if Known				
Application Number	10/54157			
Filing Date				
First Named Inventor	HYUNG-GON KIM			
Art Unit				
Examiner Name				
Attorney Docket Number	2016-03			

Examiner Initials*	Cite No.1	.1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (if known)}			Figures Appear
		^{US-} 4351388	09-28-1982	Calhoun et al	
		^{US-} 3834457	09-10-1974	Madsen	
		^{US-} 5201196	04-13-1993	Faghri	
		^{US-} 3786861	01-22-1974	Eggers	
		^{US-} 6209625	04-03-2001	Guo	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		ountry Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)		Or Relevant Figures Appear	T ⁶			
		KR 20-0255152	11-12-2001	Moon				
		KR 2001-0011091	02-15-2001	Choi				
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				1				

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